SEP 07-004

FEE: \$225.00

File Number: Received by:

YAKIMA COUNTY PLANNING DIVISION

ENVIRONMENTAL CHECKLIST

INTRODUCTION

The State Environmental Policy Act (SEPA), Chapter 43.21C RCW, requires all governmental agencies to consider the environmental impacts of a proposal before making decisions. An environmental impact statement (EIS) must be prepared for proposals with probable significant adverse impacts on the quality of the environment. The purpose of this checklist is to provide information to help you and the agencies identify impacts from your proposal (and to reduce or avoid impacts from the proposal, if it can be done) and to help the agency decide whether an EIS is required.

This environmental checklist asks you to describe some basic information about your proposal. Governmental agencies use this checklist to determine whether the environmental impacts of your proposal are significant, requiring preparation of an EIS (in many cases the preparation of an EIS is not necessary, even when significant impacts have been identified, the permit approval is conditioned in such a way to mitigate the impact). Answer the questions briefly, with the most precise information known, or give the best description you can.

You must answer each question accurately and carefully, to the best of your knowledge. In most cases, you should be able to answer the questions from your own observations or project plans without the need to hire experts. If you really do not know the answer, or if a question does not apply to your proposal, write "do not know" or "does not apply". Complete answers to the questions now may avoid unnecessary delays later.

Some questions ask about governmental regulations, such as zoning, shoreline, and landmark designations. Answer these questions if you can. If you have problems, the governmental agencies can assist you.

The checklist questions apply to all parts of your proposal, even if you plan to do them over a period of time or on different parcels of land. Attach any additional information that will help describe your proposal or its environmental effects. The agency to which you submit this checklist may ask you to explain your answers or provide additional information reasonably related to determining if there may be significant adverse impacts.

Complete this checklist for non-project proposals, even though questions may be answered "does not apply". IN ADDITION, complete the SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS (part D).

For non-project actions, the references in the checklist to the words "project applicant", and "property of site" should be read as "proposal", "proposer", and "affected geographic areas", respectively.

A.	BACKGROUND (Attach additional sheets if necessary)		
1.	Name of Proponent: Columbia Ready Mix, Inc. Phone: (509) 453-2063		
	Address: P.O. Box 9337 Yakima, WA 98909		
2.	Person Completing Form: Kenneth W. Harper Phone: (509) 575-0313		
	Address: 807 N. 39th Ave. Yakima, WA 98902		
3.	Name of Property Owner: LS Wapato, LLC Phone: (509) 453-2063		
	Address: east of intersection of Lateral 1 Road and Lateral B Road		
4.	Date Checklist Submitted: Jan. 23, 2007		
5.	Agency Requiring Checklist: Yakima County Planning Division		
5.	Taxation Parcel Number(s): 19123131001, 19123131002		
7.	Name of Proposal, if Applicable: Wapato Gravel Source (processing)		
В.	Name of Proposal, if Applicable: <u>Wapato Gravel Source (processing)</u> Proposed timing or schedule (including phasing, if applicable):		
	Name of Proposal, if Applicable: Wapato Gravel Source (processing) Proposed timing or schedule (including phasing, if applicable): • Columbia Ready Mix, Inc., ("CRM") proposes to amend that certain development agreement entered into between LS Wapato, LLC, a Washington limited liability company and Yakima County on or about March 1, 2006. The purpose of this amendment would be to allow CRM to make two operational changes to the Wapato Gravel Source. First, CRM wishes to process materials, to include crushing. Second, CRM wishes to haul materials from the site on		

- a year-round basis.
- · Timing of these changes is dependent upon the approval process.
- 9. Do you have any plans for future additions, expansions, or further activity related to or connected with this proposal? If yes, explain.
 - · No.
- 10. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal.
 - PLSA Engineering and Surveying-Hydraulic Analysis: Proposed Columbia Ready Mix Inc. Gravel Mining, dated December, 2004.
 - Daly Standlee & Associates-Noise Study: Smith Property Aggregate Mine Noise Study, dated May 9, 2005.
 - The Transpo Group-Traffic Data Summary: Columbia Ready Mix Inc. Wapato Gravel Pit, dated March, 2005.
 - Northwest Air Quality Services-Dust Mitigation Plan: Columbia Ready Mix Inc. Dust Mitigation Plan.
 - Environmental Management Consulting: Anticipated Impact of Boundary Berm on Atmospheric Drainage, dated October 17, 2005.
 - Wapato Gravel Source, DEXTER
 - Preliminary Mitigated Determination of Nonsignificance issued by Yakima County Public Services Department dated July 25, 2005
 - Final Mitigated Determination of Nonsignificance issued by Yakima County Public Services Department dated September 1, 2005
 - Plan 2015 Plan Amendment Request Staff Report, prepared for Yakima County file no. ZON 04-08 by Yakima County Public Services Department (undated)
 - Miscellaneous other materials associated with Yakima County file nos. ZON 04-08/SEP 04-54.
- 11. Do you know whether applications are pending for governmental approvals of other proposals directly affecting the property covered by your proposal? If yes, explain.
 - · No.
- 12. List any governmental approvals or permits that will be needed for your proposal, if known.
 - · Minor rezone.
 - · Type I review for mineral processing.
 - · New Source Review Order of Approval for air quality.
- 13. Give brief complete description of your proposal, including the proposed uses and the size of the project and site. There are several questions later in this checklist that ask you to describe certain aspects of your proposal. You do not need to repeat those answers on this page.
 - The property is approximately 80 acres in size and has been used as a gravel mining site for the past several months. The applicant now wishes to obtain a minor rezone, Type I review, and development agreement amendment to allow processing of materials (i.e., crushing, screening) on site, and to allow stockpiled materials to be removed from the site on a year-round basis. Both changes in

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- operation will substantially increase efficiency of the site and will help to make the site fiscally sustainable.
- Additional details of the processing and hauling aspects of this proposal are identical to those set forth in the SEPA checklist and associated application materials submitted by CRM on May 18, 2005, which materials are hereby incorporated by this reference as if set out fully herein.
- 14. Location of the proposal. Give sufficient information for a person to understand the precise location of your proposed project, including a street address, if any, and section, township, and range. proposal would occur over a range of area, provide the range or boundaries of the site(s). Provide a legal description, site plan, vicinity map, and topographic map, if reasonably available. While you should submit any plans required by the agency, you are not required to duplicate maps or detailed plans submitted with any permit application related to this checklist.
 - · The site is located at 2133 Lateral 1 Road, Wapato, WA 98951. It is about 3.5 miles northwest of Wapato, north from the Lateral 1 Road. It lies in the East ½ of the Southwest ¼, of section 31, Township 12 North, Range 19 East, WM. Its geographical location is 46 degrees 28' 45'', W 120 degrees 29' 36''.
- B. ENVIRONMENTAL ELEMENTS (Attach additional sheets if necessary)

1. Earth

- General description of the site (circle one): (Flat) rolling, hilly, steep slopes, mountainous, and/or other
- What is the steepest slope on the site (approximately percent slope)? __0.4%_
- C. What general types of soils are found on the site (for example, clay, sand, gravel, peat, muck)? If you know the classification of agricultural soils, specify them and note any prime farmland.
 - There is approximately 1 to 3 feet of top soil and sod with approximately 100' or more of sand and gravel according to test sampling.
- d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe.
 - · No.
- Describe the purpose, type and approximate quantities of any filling or grade proposed. Indicate source of fill.
 - See application materials submitted by CRM on May 18, 2005, which materials are hereby incorporated by this reference as if set out fully herein. The only changes in grading as opposed to the current use of the site would be construction of berms for noise mitigation purposes as described in the earlier application materials.
- Could erosion occur as a result of clearing, construction, or use? If so, generally describe.
 - No erosion is expected from sound barrier (berm) construction.

Some erosion could occur on the outside of the sound barrier once it is placed. This area will be checked frequently and erosion controlled if necessary. Mixing the sods with the top soil to build the barrier and seeding with grass will minimize any erosion potential.

- g. About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)?
 - · No change over current use.
- h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any:
 - Water runoff will be controlled by the use of diversion berms and/or ditches, and in some cases collector swales. (See DEXTER Columbia Ready Mix Inc. site plan).
 - Erosion control on berms will also be achieved by seeding with grass in appropriate locations.

2. Air

- a. What types of emissions to the air would result from the proposal (i.e. dust, automobile, odors, and industrial wood smoke) during construction and when the project is completed? If any, generally describe and give approximate quantities if known.
 - Airborne dust particles from operations will be caused by crushing operations. There will be engine exhausts from crushing operations. (See Northwest Air Quality Services-Columbia Ready Mix Inc. Dust Mitigation Plan).
- b. Are there any off-site sources of emissions or odor that may affect your proposal? If so, generally describe.
 - Smudge pots in adjacent orchards may cause workers some discomfort in the spring.
- c. Proposed measures to reduce or control emissions or other impacts to air, if any:
 - The crusher will use water spray and fog nozzles. All equipment will be kept in good working order. Noise and dust will be significantly reduced by the use of water and berms. The crusher proposed for use at the site is currently in operation at the company's site near Thorp Road, and is operating in compliance with all air quality regulations. The company proposes to temporarily relocate this crusher to the present site as necessary. For additional mitigation measures see Northwest Air Quality Services-Columbia Ready Mix Inc. Dust Mitigation Plan and Daly Standlee & Associates-Smith Property Aggregate Mine Noise Study.

3. Water

a. Surface:

- 1. Is there any surface water body on or in the immediate vicinity of the site (including year-round and seasonal streams, saltwater, lakes, ponds, wetlands)? If yes, describe type and provide names. If appropriate, state what stream or river it flows into.
 - There are irrigation ditches near the northwest corner of the site, along and across Lateral 1 Road. A ditch along the north side of Lateral 1 Road may carry storm water and irrigation runoff. (See PLSA Engineering and Surveying-Hydraulic Analysis: Proposed Columbia Ready Mix Inc. Gravel Mining).
- Will the project require any work over, in or adjacent to (within 200 feet) of the described waters? If yes, please describe and attach available plans.
 - · No change over current use.
- 3. Estimate the amount of fill and dredge material that would be placed in or removed from surface water or wetlands and indicate the area of the site that would be affected. Indicate the source of fill material.
 - · None.
- 4. Will the proposal require surface withdrawals or diversions? Give general description, purpose, and approximate quantities if known.
 - · No change over current use.
- 5. Does the proposal lie within a 100-year flood plain? If so, note location on the site plan.
 - · No.
- 6. Does the proposal involve any discharges of waste materials to surface waters? If so, describe the type of waste and anticipated volume of discharge.
 - · No.

b. Ground:

- Will groundwater be withdrawn, or will water be discharged to groundwater? Give general description, purpose, and approximate quantities if known.
 - Minimal change over current use, as may be necessary for dust abatement of crushing operations. This use will discharge back into the ground. Water quantities required for dust abatement will likely be sporadic as conditions warrant.
- 2. Describe waste material that will be discharged into the

ground from septic tanks or other sources, if any (for example: Domestic sewage, industrial, containing the following chemicals...; agricultural; etc.). Describe the general size of the system, the number of such systems, the number of houses to be served (if applicable), or the number of animals or humans the system(s) are expected to serve.

- · No change over current use.
- c. Water Runoff (including storm water):
 - Describe the source of runoff (including storm water) and method of collection and disposal, if any (include quantities, if known). Where will the water flow? Will this water flow into other waters? If so, describe.
 - · No change over current use.
 - Could waste materials enter ground or surface waters? If so, generally describe.
 - · No change over current use.
- d. Proposed Measures to reduce or control surface, ground, and runoff water impacts, if any:
 - · No substantial change over current use.

a. Check or circle types of vegetation found on the site:

4. Plants

x	deciduous tree: alder, maple, aspen, other evergreen tree: fir, cedar, pine, other
x_	shrubs
x	grass
	pasture
	crop or grain
	wet soil plants: cattail, buttercup, bulrush, skunl
	cabbage, other water plants: water lily, eelgrass, milfoil, other
	other types of vegetation

- b. What kind and amount of vegetation will be removed or altered?
 - No substantial change over current use. Topsoil will be stored in a perimeter sound barrier and will be saved for reclamation purposes. (See Daly Standlee & Associates-Smith Property Aggregate Mine Noise Study and DEXTER'S Columbia Ready Mix Inc. site plan).
- c. List threatened or endangered species known to be on or near the site.
 - No threatened or endangered species are known to be on or near the site.
- d. Proposed landscaping, use of native plants, or other measures to



preserve or enhance vegetation on the site, if any:

· No change over current use.

5. Animals

a. Circle any birds and animals which have been observed on or near the site or are known to be on or near the site:

Birds: hawk heron, eagle, songbird, other: raven, crow, woodpeckers, pheasant, starlings, owl

Mammals: deer, bear, elk, beaver, other: squirrels

Fish: bass, salmon, trout, herring, shellfish, other: None

- b. List any threatened or endangered species known to be on or near the site.
 - · None.
- c. Is the site part of a migration route? If so, explain.
 - The specific site is not known to be part of a migration route but may be in the general area of the pacific flyway.
- d. Proposed measures to preserve or enhance wildlife, if any:
 - Measures to preserve or enhance wildlife include seeding with grasses and planting of shrubs and trees. It is planned to create a wildlife habitat in the northern portion of the site. The plan will be developed jointly with the Yakama Indian Nation. (See DEXTER'S Columbia Ready Mix Inc. site plan).

6. Energy and Natural Resources

- a. What kinds of energy (electric, natural gas, oil, wood stove, solar) will be used to meet the completed project's energy needs. Describe whether it will be used for heating, manufacturing, etc.
 - The raw materials will be screened and crushed and placed in stockpiles within the sound barrier curtain. Service trucks will provide for maintenance and repair. A water truck will help provide dust control. Other contractors, private users and others will be required to abide by all controls and/or limitations established for the site. Processing equipment will be stored behind the barrier and/or off-site. (See Daly Standlee & Associates-Smith Property Aggregate Mine Noise Study, DEXTER'S Columbia Ready Mix Inc. site plan, and Northwest Air Quality Services-Columbia Ready Mix Inc. Dust Mitigation Plan).
- b. Would your project affect the potential use of solar energy by adjacent properties? If so, generally describe.
 - · No.
- c. What kinds of energy conservation features are included in the

plans of this proposal? List other proposed measures to reduce or control energy impacts, if any:

· All equipment will be kept in good operating condition.

7. Environmental Health

- a. Are there any environmental health hazards, including exposure to toxic chemicals, risk of fire and explosion, spill, or hazardous waste that could occur as a result of this proposal? If so, describe.
 - Environmental health hazards could include the usual risk of spill, fire, and/or explosion in the use of fossil fuels.
 - 1) Describe special emergency services that might be required.
 - · No substantial change over current use.
 - 2) Proposed measures to reduce or control environmental health hazards, if any:
 - There will be no crushing operation, nor other mineral processing or batching within 500 feet of any neighboring residence, nor within 25 feet of any property line. There will be no asphalt plant operation and no blasting on the mine site. (See Daly Standlee & Associates-Smith Property Aggregate Mine Noise Study, DEXTER'S Columbia Ready Mix Inc. site plan, and Northwest Air Quality Services-Columbia Ready Mix Inc. Dust Mitigation Plan).

b. Noise

- 1) What types of noise exist in the area, which may affect your project (for example: traffic, equipment, operation, other)?
- Wind machines in mornings of spring may cause some person-to-person communication difficulties.
- 2) What types and levels of noise would be created by or associated with the project on a short-term or a long-term basis (for example: traffic, construction, operation, other)? Indicate what hours noise would come from the site.
- The project will produce impact sounds from the crushing operations and trucks. Work hours will be from 7 am to 6 pm for up to four months per year, depending on market demands. No processing operations will be conducted prior to 7 am. (See Daly Standlee & Associates-Smith Property Aggregate Mine Noise Study).
- 3) Proposed measures to reduce or control noise impacts, if any:
- A sound barrier will be constructed around the perimeter of the mining and crushing operations. (See Daly Standlee & Associates-Smith Property Aggregate Mine Noise Study). The sound barrier will be seeded with grass and the grass will resist erosion by absorption of irrigation and/or storm waters. All handling equipment will be properly muffled as

needed. All equipment will be kept in good operating condition. Placing the mining and/or crushing operations to the Phase 2 level will further reduce the operational noise. Sound barrier berms will mitigate most of the noise from the mining operations. The sound barrier berms will be built to maintain the required separations from any neighboring residences and adjacent property lines.

8. Land and Shoreline Use

- a. What is the current use of the site and adjacent properties?
 - · Site: mining operation;
 - · Adjacent properties: fruit orchards and residences.
- b. Has the site been used for agriculture? If so, describe.
 - · Yes, formerly as an apple orchard.
- c. Describe any structures on the site.
 - A house used as a sub-office, with present utilities, including electricity, cable, telephone, and septic system.
- d. Will any structures be demolished? If so, what?
 - · No.
- e. What is the current zoning classification?
 - · Mining (MIN).
- f. What is the current comprehensive plan designation of the site?
 - Mineral Resource.
- g. If applicable, what is the current shoreline master program designation of the site?
 - · None.
- h. Has any part of the site been classified as an "environmentally sensitive" or "Critical" area?
 - No "critical areas" per Yakima County GIS service. The Yakima River alluvial fan has been identified as a sensitive groundwater area in a draft map prepared by the BIA and Yakama Indian Nation.
- i. Approximately how many people would reside or work in the completed project?
 - · No change over current use.
- j. Approximately how many people would the completed project displace?
 - · None.

- k. Proposed measures to avoid or reduce displacement impacts, if any:
 - · None.
- 1. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any:
 - Environmental mitigation plans: The completed project will provide two ponds and reclaimed ground surface. (See Daly Standlee & Associates-Smith Property Aggregate Mine Noise Study and DEXTER'S Columbia Ready Mix Inc site plans).

9. Housing

- a. Approximately how many units would be provided, if any? Indicate whether high, middle or low-income housing.
 - · None.
- b. Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low-income housing.
 - · None.
- c. Proposed measures to reduce or control housing impacts, if any:
 - · None.

10. Aesthetics

- a. What is the tallest height of any proposed structure(s), not including antennas; what is the principal exterior building material(s) proposed?
 - · No change over current use.
- b. What views in the immediate vicinity would be altered or obstructed?
 - No change over current use, except as regards noise abatement berms.
- c. Proposed measures to reduce or control aesthetic impacts, if any:
 - The berms will be seeded with grass. The subsequent removal of the berms and reclamation will follow the movement of the mining operation and does not represent any substantial change over current use.

11. Light and Glare

- a. What type of glare will the proposal produce? What time of day would it mainly occur?
 - · No change over current use.

- b. Could light or glare from the finished project be a safety hazard or interfere with views?
 - · No.
- c. What existing off-site sources of light or glare may affect your proposal?
 - · None.
- d. Proposed measures to reduce or control light and glare impacts, if any:
 - · No change over current use.

12. Recreation

- a. What designated and informal recreational opportunities are in the immediate vicinity?
 - Some bird watching may occur within the general area. There
 are no known places listed on, or proposed for, national,
 state, or local preservation registers known to be on or next
 to the site.
- b. Would the proposed project displace any existing recreational uses? If so, describe.
 - · No.
- c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any:
 - The resulting ponds could provide an environment for area wildlife. A number of recreational uses could be realized by the completed project such as swimming, fishing, boating, wildlife watching, walking, and others.

13. Historic and Cultural Preservation

- a. Are there any places or objects listed on, or proposed, for national, state, or local preservation registers known to be on or next to the site? If so, generally describe.
 - · No.
- b. Generally describe any landmarks or evidence of historic, archaeological, scientific, or cultural importance known to be on or next to the site.
 - · None.
- c. Proposed measures to reduce or control impacts, if any:
 - No change over current use.

14. Transportation

- a. Identify public streets and highways serving the site, and describe proposed access to the existing street system. Show on site plans, if any.
 - Lateral 1 Road, Lateral A Road, and SR 97 serve the site. The site has a standard approach to Lateral 1 Road.
- b. Is site currently served by public transit? If not, what is the approximate distance to the nearest transit stop?
 - The project will not involve water, rail, and/or air transportation. There is no public transit at the site. The nearest transit stop may be in Wapato.
- c. How many parking spaces would the completed project have? How many would the project eliminate?
 - · No change over current use.
- d. Will the proposal require any new roads or streets, or improvements to existing roads or streets, not including driveways? If so, generally describe (indicate whether public or private).
 - · No change over current use.
- e. Will the project use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe.
 - · No.
- f. How many vehicular trips per day would be generated by the completed project? If know, indicate when peak volumes would occur.
 - Numbers of vehicular trips per day are unlikely to change compared to current use. The addition of processing operations at the site will reduce the quantity of unusable overburden that is currently removed from the site and trucked to nearby processing facilities at Parker. (See Transpo Group-Traffic Data Summary: Columbia Ready Mix Inc. Wapato Gravel Pit).
- g. Proposed measures to reduce or control transportation impacts, if any:
 - See Transpo Group-Traffic Data Summary: Columbia Ready Mix Inc. Wapato Gravel Pit. Because transportation impacts are not likely to change compared to current use, no additional mitigation measures are proposed.

15. Public Services

a. Would the project result in an increased need for public services (for example: fire protection, police protection, health care, schools, other)? If so, generally describe.

- · No.
- b. Proposed measures to reduce or control direct impacts on public services, if any.
 - None needed.

16. Utilities

- a. Circle utilities currently available at the site: Electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system, other.
 - The utilities currently available at the site include electricity, domestic and irrigation water, refuse service, telephone, and septic systems.
- b. Describe the utilities that are proposed for the project, the utility providing the service, and the general construction activities on the site or in the immediate vicinity which might be needed.
 - No change over current use.

C. SIGNATURE

The above answers are true and complete to the best of my knowledge; I understand that the lead agency is relying on them to make its decision.

Signature of Proponent or Person Completing Form

Signature of Property Owner(s)

D. SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS (Do not us this section for project actions)

Because these questions are very general, it may be helpful to read them in conjunction with the list of the elements of the environment.

When answering these questions, be aware of the extent the proposal, or the types of activities likely to result from the proposal, would affect the item at a greater intensity or a faster rate than if the proposal were not implemented. Respond briefly and in general terms.

1. How would the proposal be likely to increase discharge to water; emissions to air; production, storage, or release of toxic or hazardous

substances; or production of noise?

- a. Proposed measures to avoid or reduce such increases are:
- 2. How would the proposal be likely to affect plants, animals, fish, or marine life?
 - a. Proposed measures to protect or conserve plants, animals, fish, or marine life are:
- 3. How would the proposal be likely to deplete energy or natural resources?
 - a. Proposed measures to protect or conserve energy or natural resources are:
- 4. How would the proposal be likely to use or affect environmentally sensitive areas or areas designated for government protection; such as parks, wilderness, wild and scenic rivers, threatened or endangered species habitat, historic or cultural sites, wetlands, floodplains, or prime farmlands?
 - a. Proposed measures to protect such resources or to avoid or reduce impacts are:
- 5. How would this proposal be likely to affect land and shoreline use, including whether it would allow or encourage land and shoreline uses incompatible with existing plans?
 - a. Proposed measures to avoid or reduce shoreline and land use impacts are:
- 6. How would the proposal be likely to increase demands on transportation or public services and utilities?
 - a. Proposed measures to reduce or respond to such demand(s) are:
- 7. Identify, if possible, whether the proposal may conflict with local, state, or federal laws or requirements for the protection of the environment.

